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A way of anomaly detection in engineering equipment characteristics of Symmetra at IHEP IT center

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The information flow should be monitored on anomaly detection. It is important, because it allows you to see a possible problem in advance and prevent it from turning into a real one. A huge flow of diverse data within the modern computing center flows from everywhere. As a rule, these are time series - numerical characteristics that are consistently measured after some time intervals.

At this work there was developed the way of analysis for engineering equipment characteristics in centralized system of uninterrupted power supply (Symmetra) at IHEP IT center. When tracking time series, extracted from the data processing and storage system, anomalies are detected using the Twitter AnomalyDetection package. The information on problem is provided to the engineering and operational staff.

Primary author: Mrs POPOVA, Ekaterina (IHEP)

Co-author: Mr KOTLIAR, Viktor (IHEP)

Presenter: Mr KOTLIAR, Viktor (IHEP)

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